

TRI-ROAD MARKING AL

One component Alkyd Road Marking

Description

TRI-ROAD MARKING AL is a one component ready to apply fast curing solvent base alkyd road marking, based on a special synthetic alkyd binder's resin and pigments, selective pigments, fillers, chemicals additive.



Standard compliance

- EN (1436)
- EN (1871)

Typical uses

TRI-ROAD MARKING AL is used as road marking for:

- Marking concrete and asphalt flooring of roads.
- High ways, garages, parking and loading areas
- Primarily for kerb stones
- Speed humps or other areas with light traffic

Advantages

- One component easy to application
- Fast drying time.
- High abrasion resistance, water, sulphate and chloride ions.
- Good adhesion for deferent surfaces to asphalt, concrete substrates .
- The Glass Beads could be used over the coat to form light reflection system .
- Available on deferent colors.

Technical properties @°25c

Color	White, yellow, red (other required colors)
Solid Content (by weight)	66 ± 2 %
Solid Content (by volume)	42 ± 2 %
Density	1.45± 0.10 kg/L for color 1.00± 0.01 kg/ L transparent
Touch Dry	15 -30 Min.
Hard Dry	2-4 hours
Min. Application temperature	10 C°

Directions for use
Surface Preparation

The substrate must be clean, sound, dry, and free from dust, oil, grease, wax, cement laitance, loose particles, and any contaminants that may affect adhesion. Contaminants should be removed by suitable mechanical preparation such as grinding, blasting, or other approved methods. Concrete surfaces must be fully cured and dry, with a minimum age of 28 days before application.

Mixing

- Mix the product well using a slow speed drill and paddle, mixing well until homogeneous state.
- **TRI-ROAD MARKING AL** may be diluted by **Tri – Sol 10** if required up to 10 % depending on application method and site conditions. .

Application

- Apply one coat or more depending on required dry film thickness using suitable tools gun spray, roller or brush.

For more details review the Tri-chem's application methodology

Guide of Application

Item	Min	Max	Act.
Film thickness wet. (μ)	125	200	180
Film thickness dry. (μ)	50	80	75
Rate of use Theo.(m ² /L)	9	5	6
Recoat time (approx.)	2 – 4 hrs. (Depending on conditions of weather)		

Coverage

- 200-400 gm/m² (depending on surface conditions).

Package

- **TRI-ROAD MARKING AL** is supplied in Pail: 20 kg, Gallon 5 Kg .

Storage conditions

- Store the material in a cool, dry and covered place.
- Temperature should not exceed 35 °C.
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Shelf life

- Has a shelf life of 12 months stored in dry and cool place.

Cleaning

Clean all equipments with thinner immediately after use.

Sustainability and environmental accountability

- TRI-CHEM's Environmental sustainability is the accountability to conserve natural resources and protect global ecosystems to support health and well-being for this a more positive approach is that accountability guides the actions of power-holders towards more socially and environmentally sustainable results.

Technical support

- For any technical support, please contact TRI-CHEM technical office or representatives.



Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597
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Health and safety responsibility

- Workplace health and safety is all about sensibly managing risks to protect TRI-CHEM's workers and business.
- ISO 45001 is a systematic health and safety management is characterized by strong leadership involving managers, workers, suppliers, contractors and customers and also health and safety management is an essential part of the movement towards sustainable development.
- Spillages should be washed down immediately.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

Institutional Excellence and quality performance

- Institutional excellence in TRI-CHEM refers to achieving high levels of performance, quality and effectiveness in all aspects of TRI-CHEM company's work, it involves a systematic and continuous effort to improve an organization's performance by applying best practices, innovative approaches and evidence-based strategies, institutional excellence spans various areas, such as training , research, innovation, community engagement, governance, management and sustainability, and involves setting high standards, measuring performance against these standards and continuously improving performance to meet or exceed these standards, excellence in TRI-CHEM also includes a culture of continuous improvement and learning, where everyone in the organization is committed to achieving the organization's goals, working together to find solutions to challenges and opportunities, and requires a collaborative approach that includes all stakeholders.
- All products originating from TRI-CHEM facility are manufactured under a quality management system independently certified to conform the requirements of the quality standards (ISO 9001:2015).

Disclaimer

- While TRI-CHEM guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.
- TRI-CHEM is recommended to verify with TRI-CHEM that the product is suitable for the intended use, and that this data sheet version is the latest one.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.
- Any specification, recommendation or information mentioned in this product data sheet is (to TRI-CHEM's best knowledge) true and reliable.
- However, because TRI-CHEM has no influence on the application method of these products and the care taken, the company cannot accept any liability arising from the use of its products.
- TRI-CHEM's warranty is therefore limited to the quality of the materials supplied which are guaranteed against defective materials.

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